

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
 Data File : BM021179.D
 Acq On : 26 Jun 2019 01:53
 Operator : HP/JU
 Sample : K3498-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA9

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:17:33 AM

Quant Time: Jun 26 04:06:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	231004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1043034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	714861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1800192	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1723594	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1611475	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15509	3.19	ng/uL	0.00
5) Phenol-d5	6.93	99	360064	17.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	224418	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	304683	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	287439	17.13	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	169853	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	195931	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	388368	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	465814	23.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1471452	22.78	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1630615	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	144542	13.76	ng/ul	0.00
57) Fluorene-d10	15.40	176	1284201	22.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	153234	13.85	ng/ul	0.00
70) Anthracene-d10	17.26	188	2128678	22.75	ng/ul	0.00
78) Pyrene-d10	19.55	212	2396775	23.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2110530	22.20	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.87	163	331551	5.639 ng/ul	99
69) Phenanthrene	17.20	178	348218	3.498 ng/ul	98
76) Fluoranthene	19.21	202	609616	5.667 ng/ul	98
79) Pyrene	19.57	202	505540	4.149 ng/ul	98
82) Benzo(a)anthracene	21.32	228	275814	2.347 ng/ul	99
84) Chrysene	21.37	228	270181	2.455 ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	292878	2.869 ng/ul	97
88) Benzo(k)fluoranthene	22.97	252	126303m	1.286 ng/ul	
90) Benzo(a)pyrene	23.51	252	189958	1.977 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

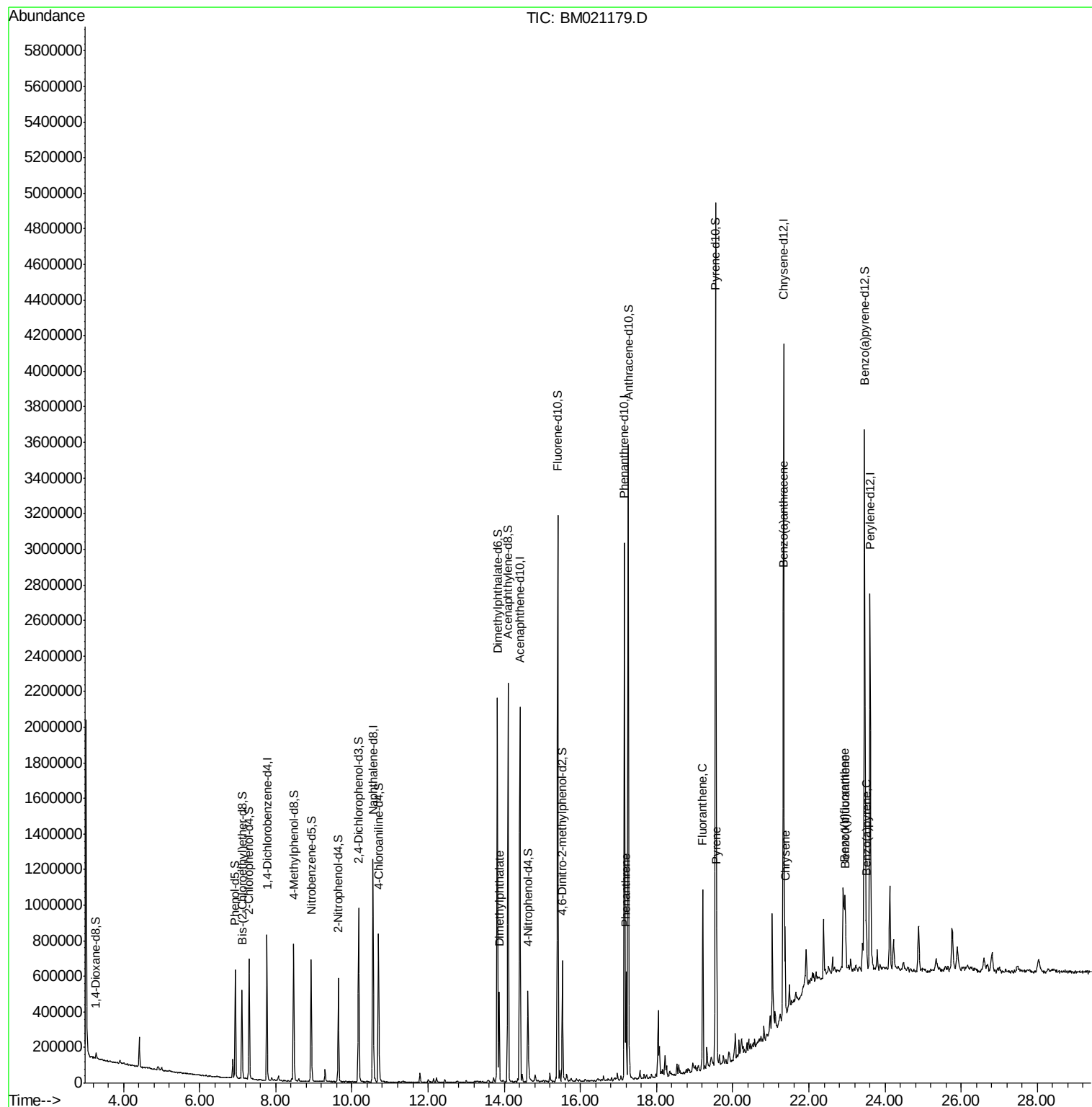
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
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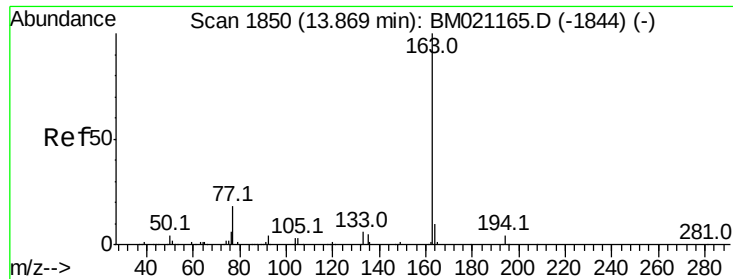
Instrument :
BNA_M
ClientSampleId :
C5AA9

Manual Integrations
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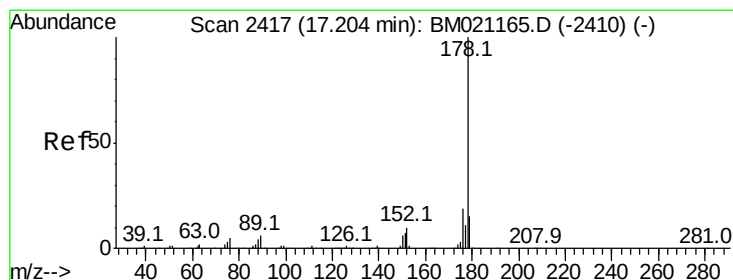
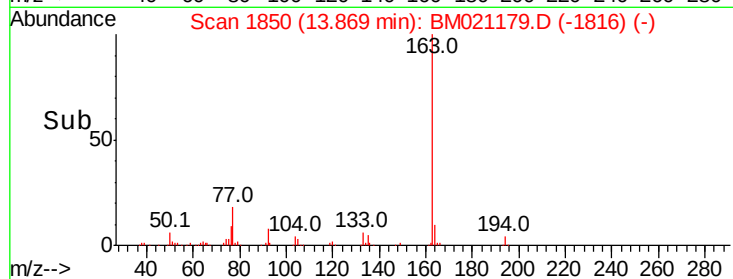
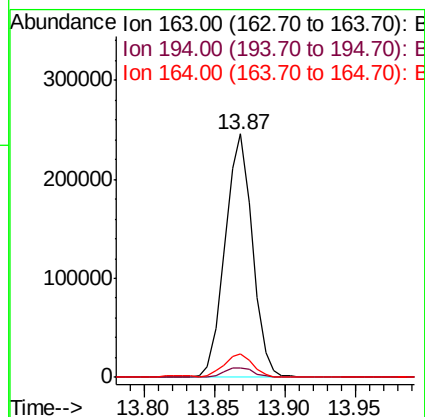
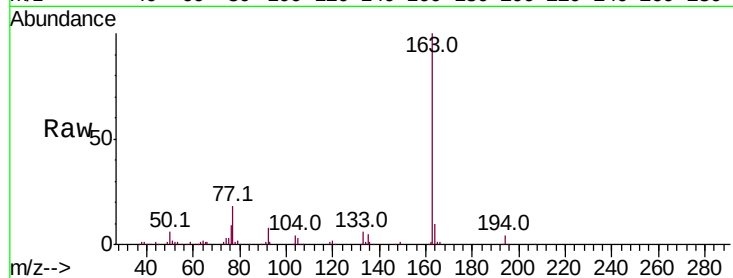
#44
Dimethylphthalate
Concen: 5.639 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021179.D
Acq: 26 Jun 2019 01:53

Instrument :
BNA_M
ClientSampleId :
C5AA9

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.7	7.7	11.5

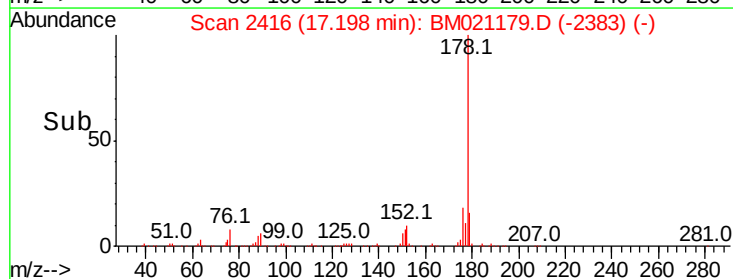
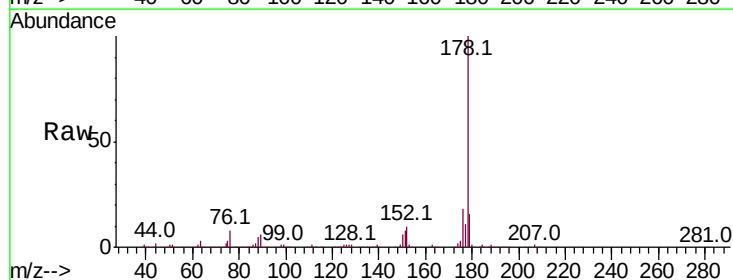
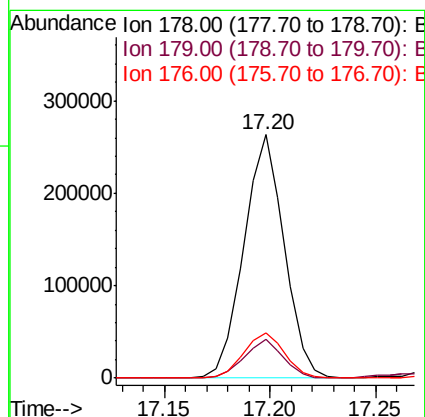
Manual Integrations
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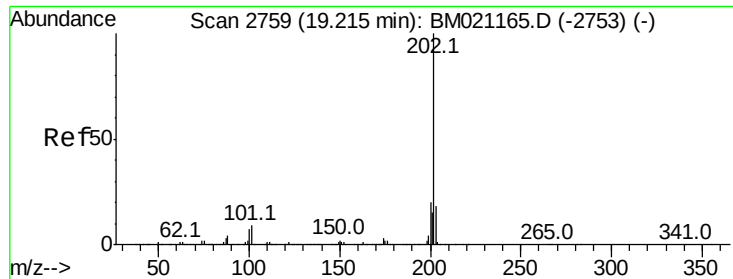
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#69
Phenanthrene
Concen: 3.498 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021179.D
Acq: 26 Jun 2019 01:53

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.3	15.0	22.6





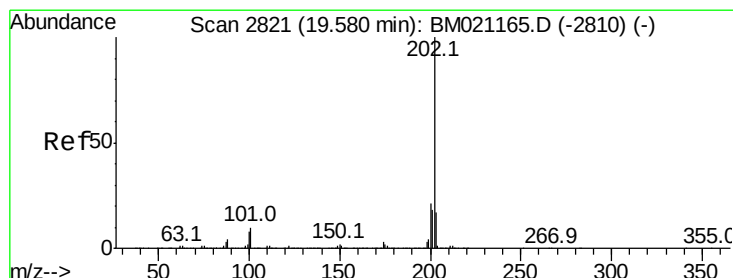
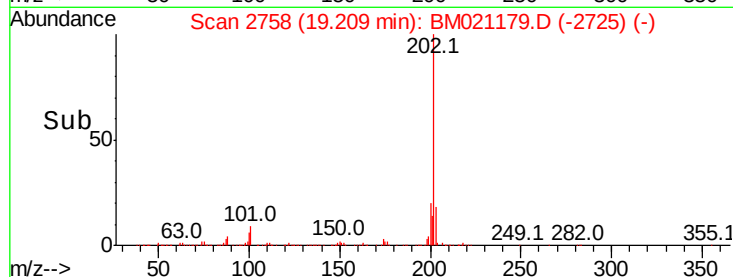
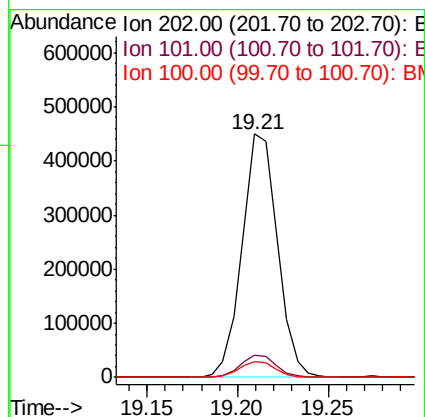
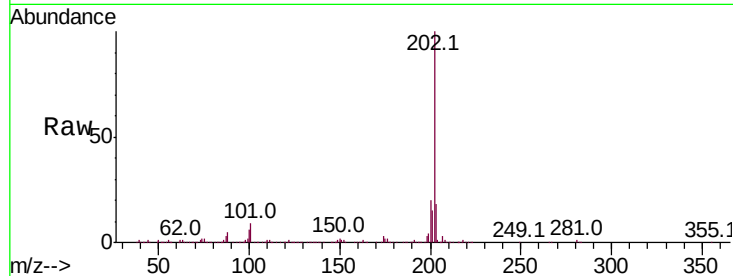
#76
Fluoranthene
Concen: 5.667 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021179.D
Acq: 26 Jun 2019 01:53

Instrument :
BNA_M
ClientSampleId :
C5AA9

Tot Ion	Ratio	Resp	Lower	Upper
202	100	609616		
101	8.9	6.7	10.1	
100	6.3	5.5	8.3	

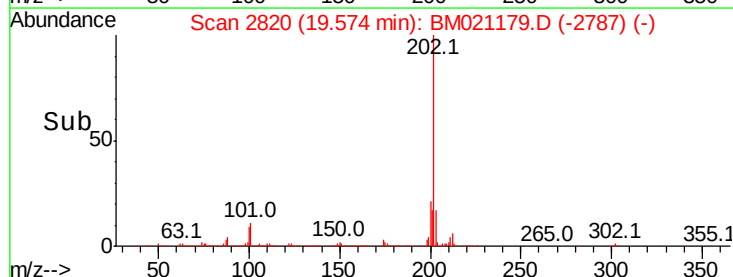
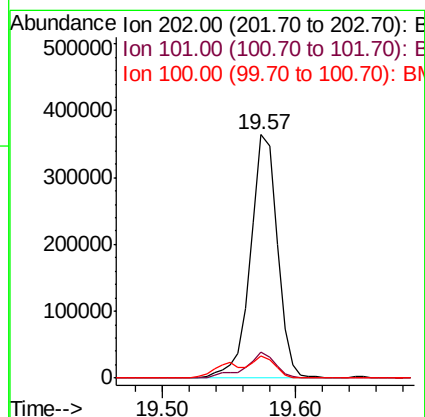
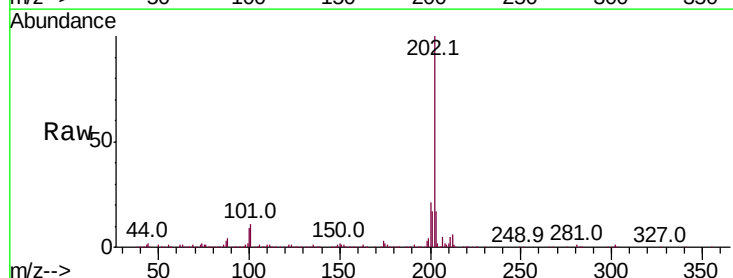
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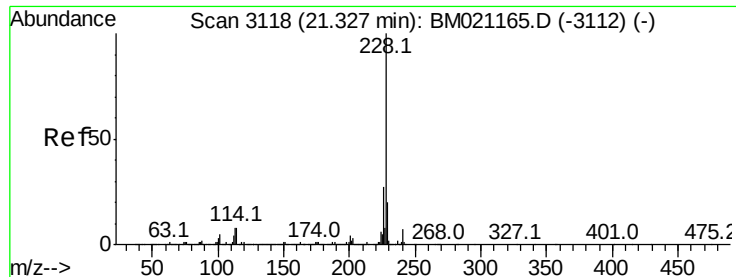
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#79
Pyrene
Concen: 4.149 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021179.D
Acq: 26 Jun 2019 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	505540		
101	10.6	8.1	12.1	
100	8.9	6.6	10.0	





#82

Benzo(a)anthracene

Concen: 2.347 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Instrument :

BNA_M

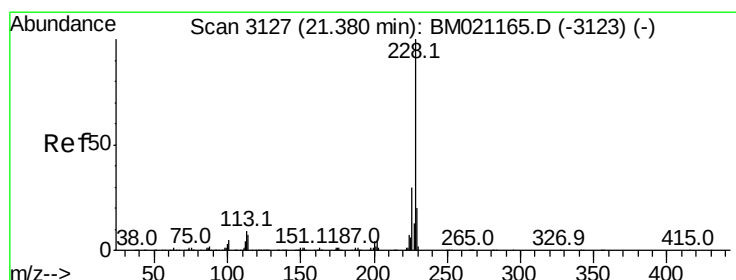
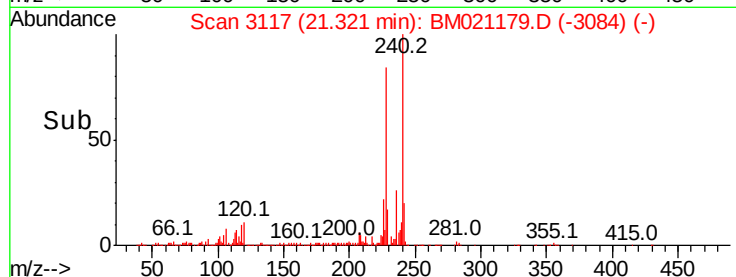
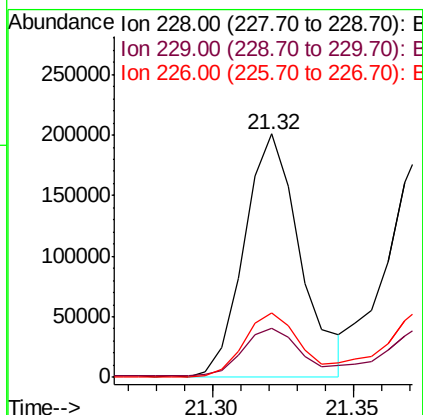
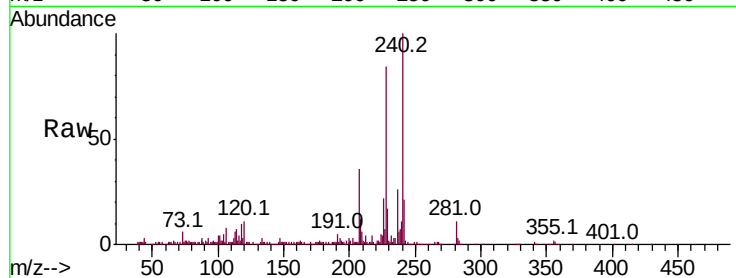
ClientSampleId :

C5AA9

Tot Ion:	228	Resp:	275814
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.8
226	26.5	21.4	32.2

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#84

Chrysene

Concen: 2.455 ng/ul

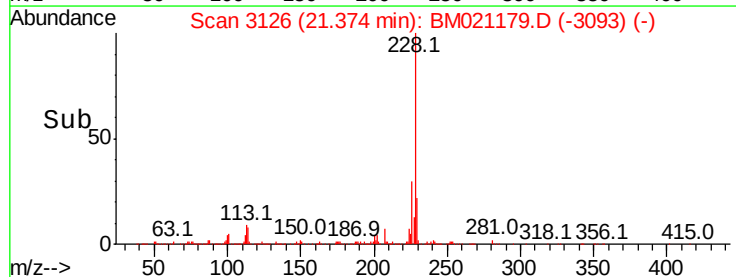
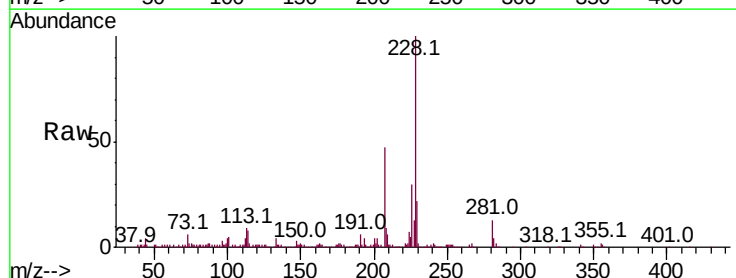
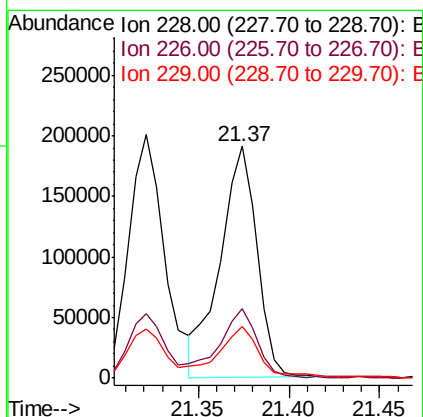
RT: 21.37 min Scan# 3126

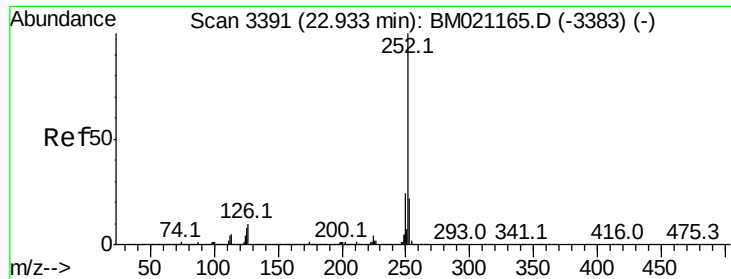
Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Tgt Ion:	228	Resp:	270181
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.9	35.9
229	22.3	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 2.869 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021179.D

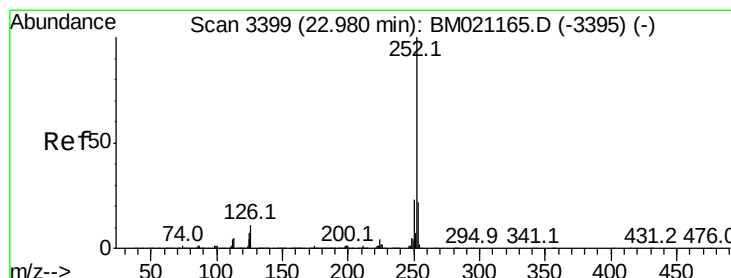
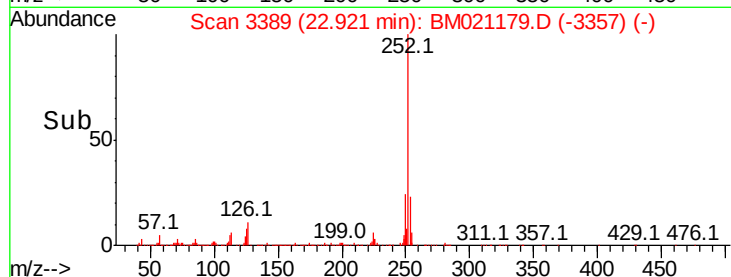
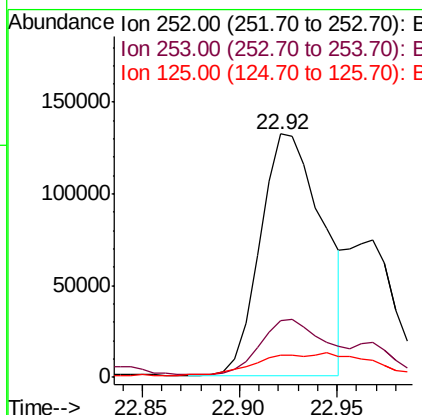
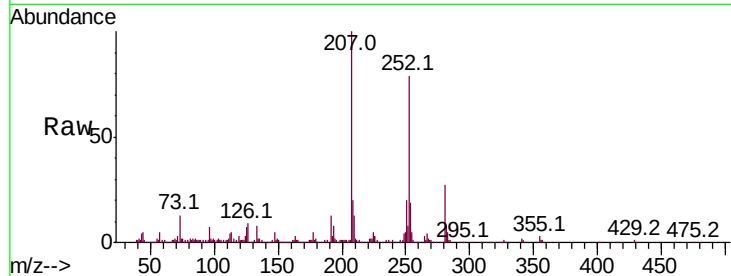
Acq: 26 Jun 2019 01:53

Instrument :
BNA_M
ClientSampleId :
C5AA9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	9.1	6.3	9.5

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#88

Benzo(k)fluoranthene

Concen: 1.286 ng/ul m

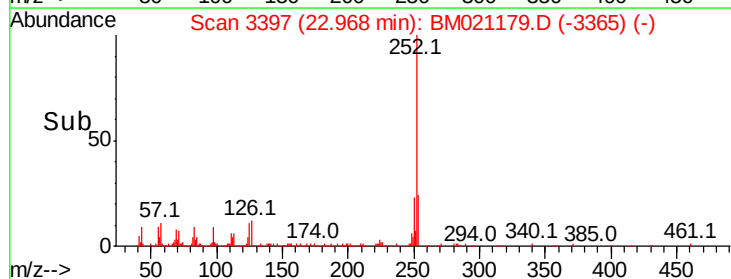
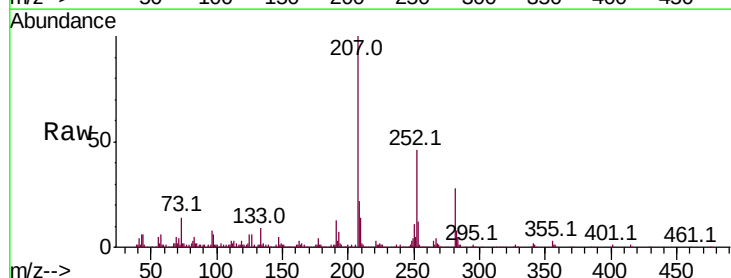
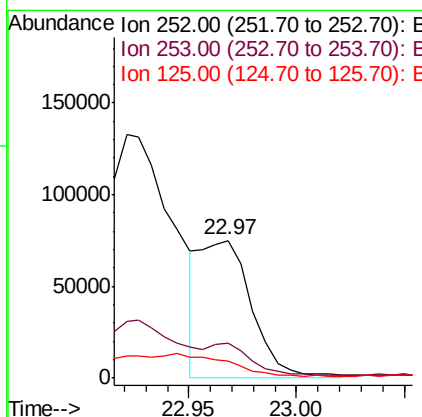
RT: 22.97 min Scan# 3397

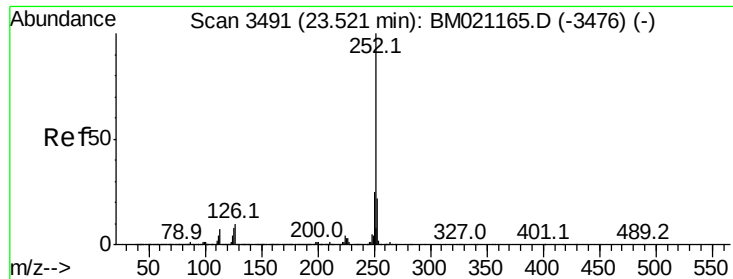
Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	12.2	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 1.977 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021179.D

Acq: 26 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

C5AA9

Tot Ion:	252	Resp:	189958
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	9.4	7.2	10.8

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